

CLAIMS

1. A confocal microscope apparatus comprising:
a light-emitting portion for emitting a light beam
with which a specimen to be observed is irradiated;

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A1
a rotatable disk scanner having a plurality of
pinholes formed in a disk for the light beam to pass
therethrough between said light-emitting portion and
the specimen, said pinholes being arranged to move
through a first position facing said light-emitting
10 portion and scan the specimen with the light beam
having passed through said pinholes, along with
rotation of said disk scanner;

15 a confocal optical system for conjugating said
first position and a second position on the specimen
to cause the light beam having passed through said
pinholes to be radiated onto the specimen, and to cause
a light beam from the specimen to form an image on said
disk;

20 a camera for photographing a still image of the
image formed by said confocal optical system;

means for generating an exposure time signal
representing an exposure time of said camera;

means for generating a rotational period signal
representing a rotational period of said disk scanner;

25 and

means for comparing the exposure time signal
with the rotational period signal to generate based

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